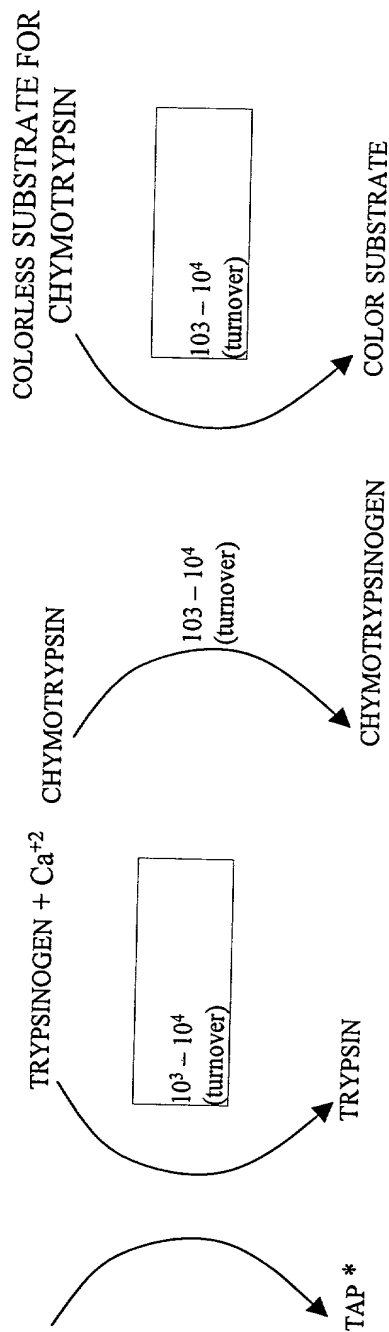


ENTEROPEPTIDASE

PROENZYME #1

PROZYME #2



SINGLE MOLECULE (1)

ACTIVE ENZYMES GENERATED

10³ - 10⁴

TOTAL (1000 - 10⁴)

ACTIVE ENZYMES GENERATED

10³ - 10⁴

TOTAL (1,000,000 - 10⁸)

SIGNALS GENERATED

10³ - 10⁴

TOTAL (1,000,000,000 - 10¹²)

FIG. 2

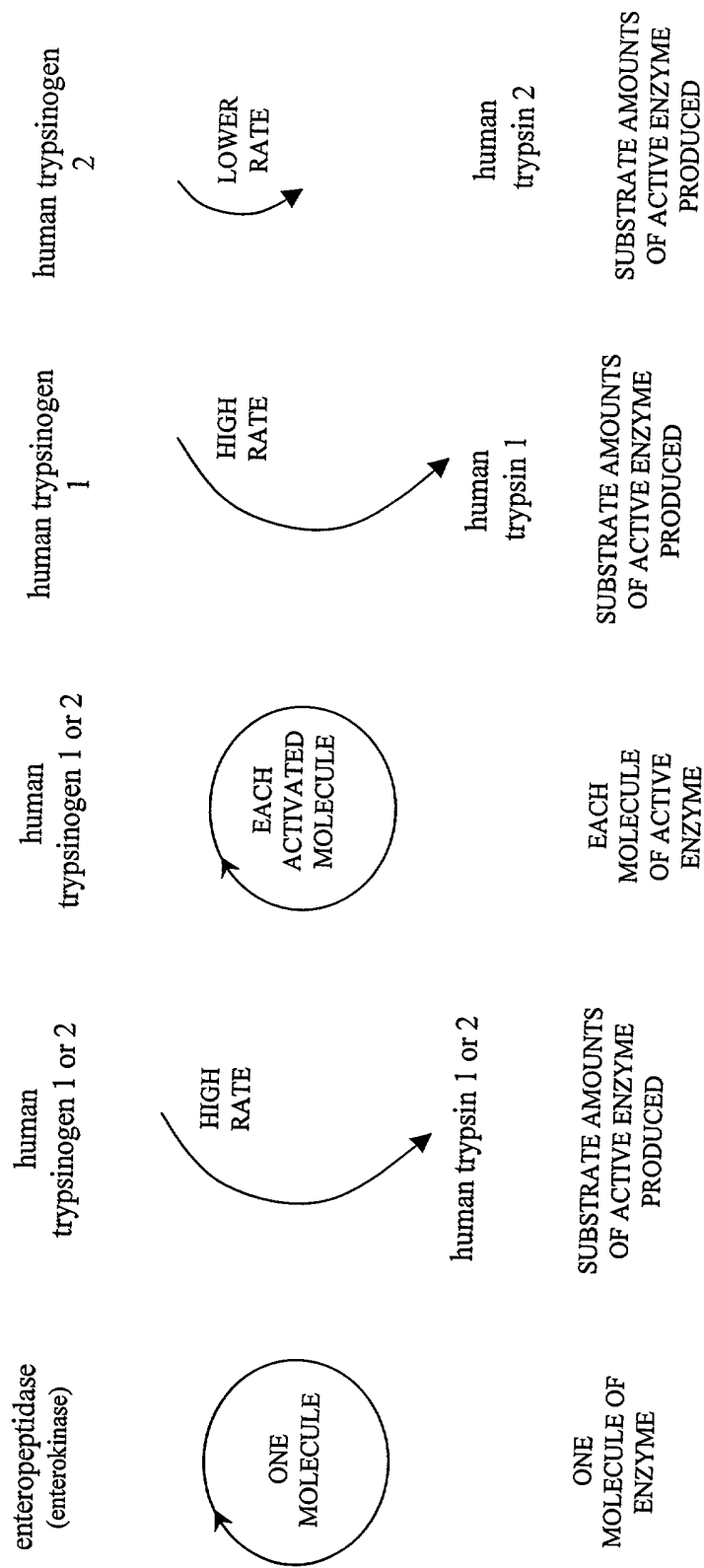


FIG. 3

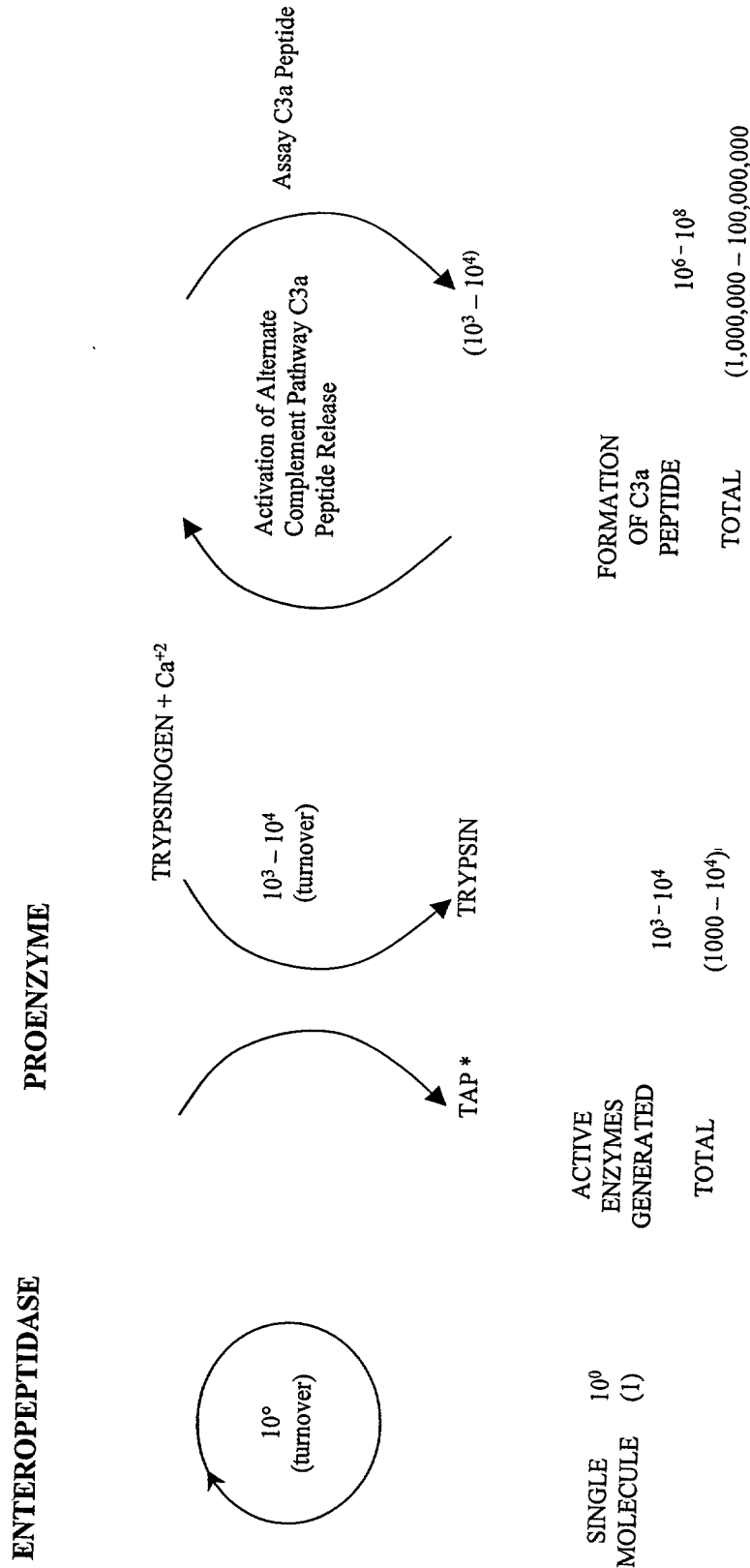


FIG. 4

	SIGNAL ACTIVATION MOLECULE AND FUNCTION	Index of Target Analyte Presence
CMSA Complement Cascade	<ul style="list-style-type: none"> •Antibody to antigen in the Classic Complement pathway •Polysaccharide, etc. in the Alternate Complement Pathway •Both activate Complement 	C3a Peptide Production/Quantification
ZMSA CC Clotting Cascade	<ul style="list-style-type: none"> •Kallikrein Plasma Proteinase activating Hageman Factor (Factor XII) enhanced with Kinogen activate clotting 	Opacity Clot Retraction
ZMSA-PCC Procollagen Conversion	<ul style="list-style-type: none"> •Serum Protease activating neutral Protease (zymogen) catalyzing Procollagen-> Collagen Conversion 	Opacity
ZMSA-PIC Proinsulin Conversion	<ul style="list-style-type: none"> •Serine Protease activating Endopeptidase PC2 or PC3 (zymogen) activating Insulin with release of C Peptide 	C Peptide Production/Quantification
ZMSA PTC Prothrombin Conversion	<ul style="list-style-type: none"> •Serine Protease activating Prothrombin (zymogen) to Thrombin converts Fibrinogen to Fibrin 	Opacity

FIG. 5

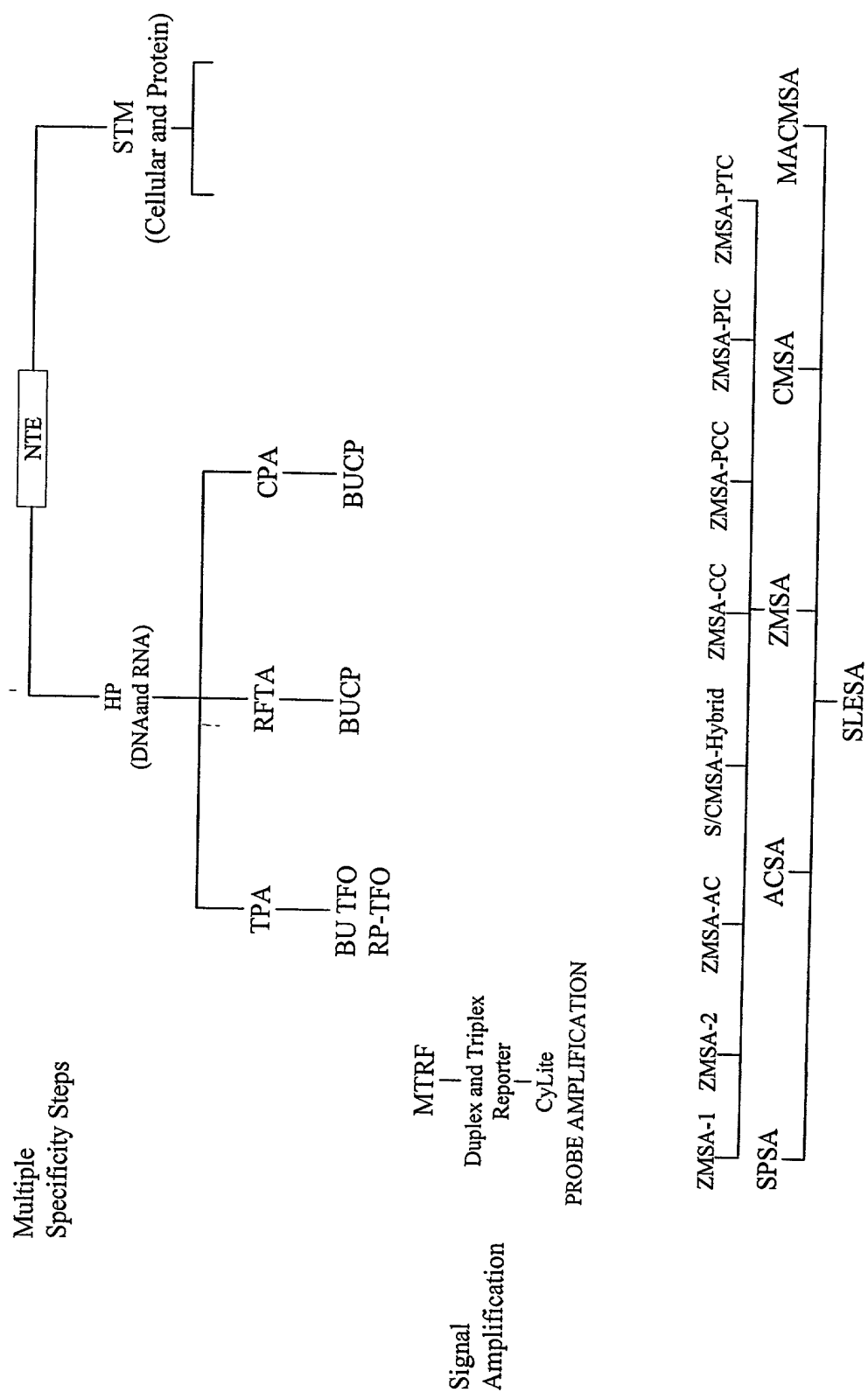


FIG. 6

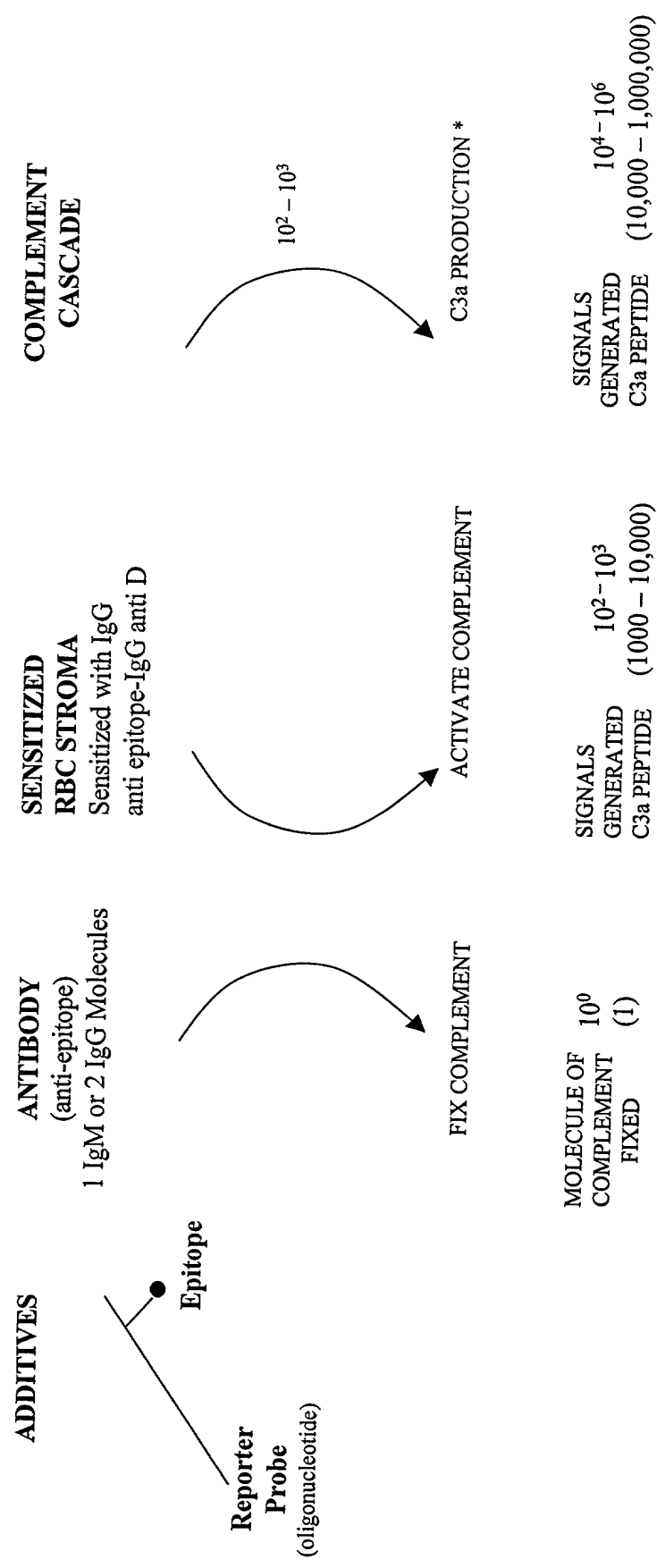


FIG. 7

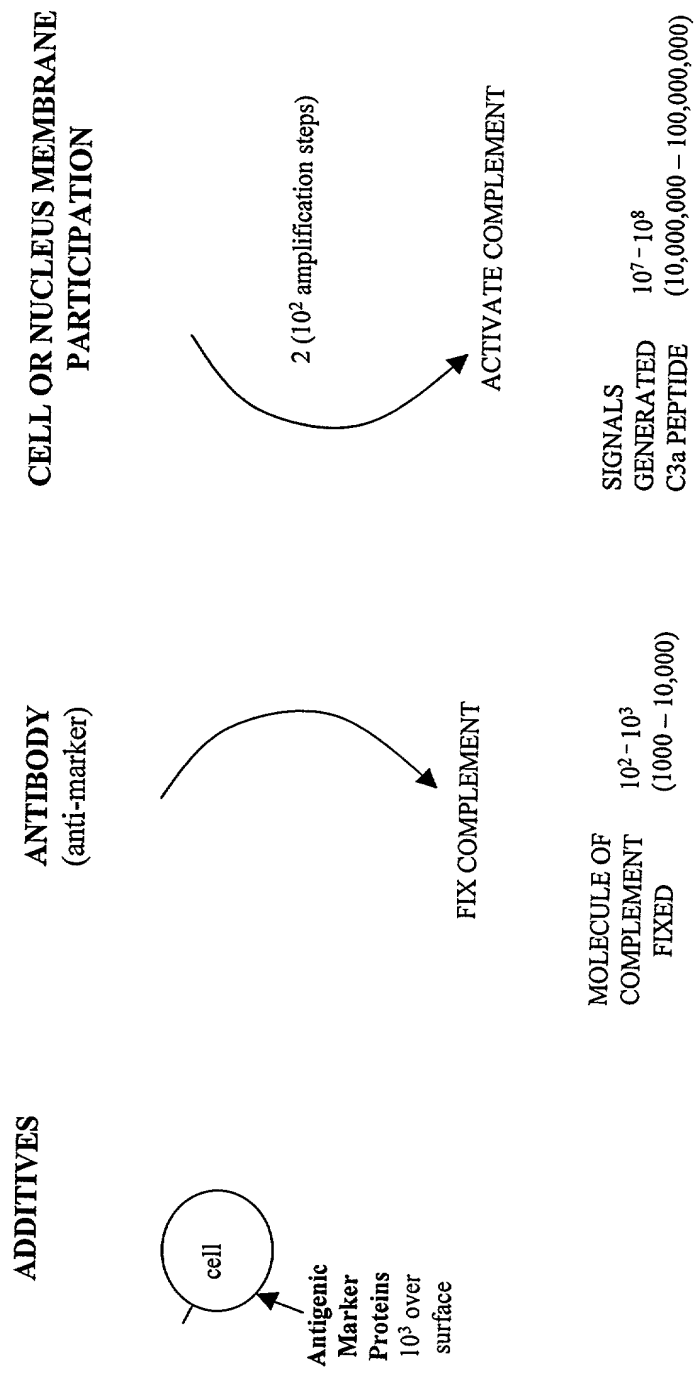


FIG. 8

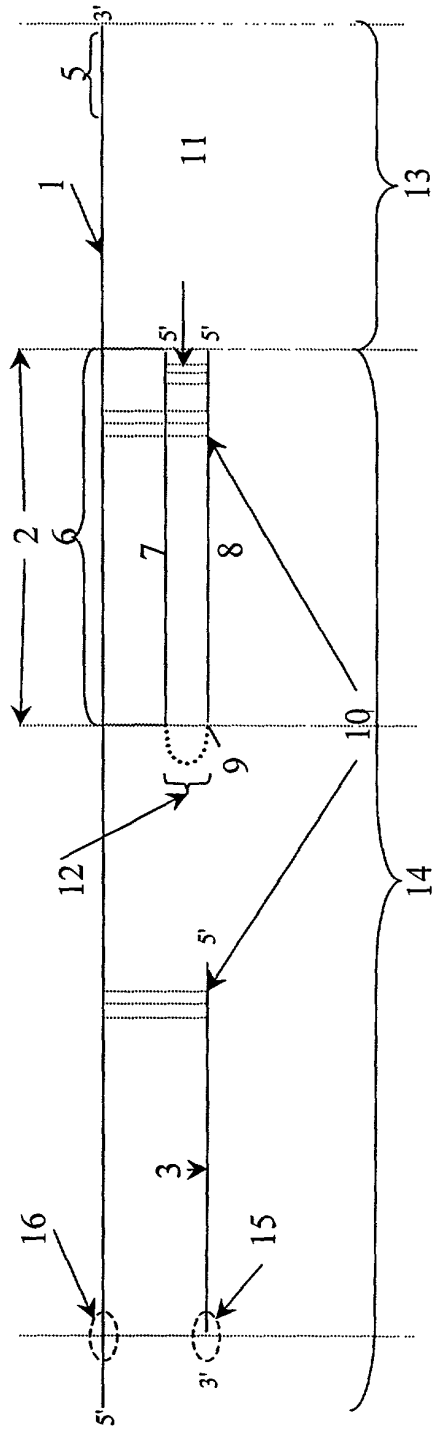


FIG. 9